MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

SEPTEMBER, 1930

J. A. BROWN, DIRECTOR

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SEPTEMBER 1930
METEOROLOGICAL REGISTER

Date	Barometer reduced to °oC Sea level and 45° Latitude 700 mm +..				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min	8:30	14: 0	20:30	Mean
1	56.0	56.3	57.5	56.6	32.2	23.9	30.2	31.1	26.8	29.4
2	8.8	8.4	8.9	8.9	32.2	25.7	29.4	31.5	25.8	28.9
3	8.9	8.9	8.9	8.9	31.8	24.7	28.3	31.1	25.1	28.2
4	8.7	7.9	8.9	8.5	31.6	22.6	27.3	30.6	24.9	27.6
5	8.8	8.2	9.1	8.1	32.4	22.4	28.8	31.8	26.7	29.1
6	59.1	58.6	58.6	58.8	33.3	23.1	29.8	33.2	27.1	30.0
7	8.2	7.2	7.5	7.6	32.7	24.3	29.7	32.1	26.5	29.4
8	60.6	7.6	8.3	8.8	32.0	23.7	29.4	31.0	25.9	28.8
9	58.5	8.2	8.9	8.5	31.1	24.0	28.4	28.5	26.6	27.8
10	9.3	9.1	8.9	9.1	31.1	22.9	28.6	30.4	30.3	29.8
11	59.4	59.2	59.8	59.5	31.0	20.5	27.4	30.9	27.3	28.5
12	60.4	9.0	8.5	9.3	30.6	22.8	28.5	30.0	26.6	28.4
13	58.6	7.9	7.8	8.1	31.7	24.1	28.7	31.1	27.3	25.7
14	8.0	7.7	8.4	8.0	31.7	24.6	28.2	3 .4	26.2	28.3
15	8.5	7.9	8.4	8.3	31.8	23.4	28.4	31.2	25.3	28.3
16	58.4	58.4	58.6	58.5	31.7	22.6	27.9	31.1	25.4	28.1
17	8.7	8.1	9.0	8.6	31.6	21.8	27.6	30.7	25.3	27.8
18	8.5	8.3	8.4	8.4	30.8	23.1	28.2	29.9	25.8	27.9
19	60.4	9.8	9.9	60.0	28.9	22.9	27.6	26.9	24.3	26.3
20	1.0	60.4	60.9	0.8	29.8	21.9	23.7	29.5	24.3	25.8
21	60.4	59.9	60.2	60.1	30.1	22.3	27.9	28.7	25.2	27.3
22	59.9	9.2	53.3	57.5	30.3	22.8	27.7	29.3	22.4	27.6
23	9.1	8.0	8.5	8.5	30.4	23.2	26.9	29.7	24.9	27.2
24	9.5	60.1	9.4	9.8	30.1	22.7	27.2	29.8	24.4	27.1
25	9.9	58.9	8.6	9.1	32.1	23.0	29.2	30.9	25.6	28.5
26	59.9	59.8	59.9	59.9	32.5	24.2	28.7	30.7	26.6	28.6
27	9.7	9.8	60.1	9.9	30.4	23.8	28.3	29.8	22.7	26.9
28	60.8	60.0	59.3	60.0	29.2	22,9	27.7	28.4	25.6	27.2
29	58.8	59.3	8.6	58.9	29.4	22.7	27.5	28.7	25.0	27.1
30	6.2	5.9	6.1	6.1	30.5	22.7	27.6	29.9	25.4	27.6
	59.10	58.60	58.64	58.87	31.16	23.18	28.16	30.30	25.71	27.97

Barometer, Range for month 753.3-761.0 m.m.

,, 50-yr. average for month 758.96 m m

Thermometer, Range for month 20°.5-33°.3

, 50-yr. average for month 27.13 C.

Rain, total for month 6.44 m.m.

,, , 50-yr average for month 7.37 m.m.

,, , total. Sept. 1st to end of month 6.44 m.m.

,, , 50-yr average, Sept. 1st to end of month. 7.37 m.m

SEPTEMBER 1930

METEOROLOGICAL REGISTER

Wet Bulb Cent.			Elasticity of Vapor m.m.				Relative Moisture per cent.				Sun hrs.	Rain m.m.
8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
25.7	25.7	23.7	20.7	19.9	19.2	19.9	64	59	73	65	11.0	
24.8	25.5	23.8	19.5	19.3	20.3	19.7	63	56	82	67	12.5	
24.1	24.9	23.0	18.2	18.5	19.2	18.6	66	54	81	67	11.2	
23.3	24.6	22.3	18.0	18.1	17.8	18.0	67	56	76	66	11.0	
23.9	25.8	23.4	18.1	19.6	18.7	18.8	60	55	71	62	11.6	
23.3	25.4	23.2	14.7	18.1	18.1	17.0	47	47	68	54	11.5	
24.2	24.4	22.0	18.0	16.7	16.3	17.0	58	47	62	56	11.6	
24.3	24.3	23.2	18.4	17.4	18.8	18.2	60	52	75	62	11.5	
23.8	23.9	23.0	18.1	18.3	18.0	18.1	63	63	69	65	7.0	
21.9	22.4	25.8	14.8	14.6	20.9	16.8	50	45	64	53	12.3	
22.5	23.9	21.6	16.6	16.7	15.1	16.1	61	50	56	56	10.2	2.64
23.2	24.7	24.4	17.1	18.7	20.8	18.9	58	59	80	62	11.4	
25.2	26.3	25.2	20.6	21.0	22.0	21.2	70	63	82	72	11.0	
24.8	25.4	24.1	20.4	19.9	20.4	20.2	72	61	81	71	11.1	
25.0	26.1	24.1	20.5	20.6	21.1	20.7	72	60	88	79	11.3	
23.5	25.9	23.8	18.0	20.5	20.6	19.7	64	60	85	70	11.2	
23.6	25.3	23.4	18.5	19.6	19.7	19.3	67	59	81	69	11.4	
23.4	22.8	21.6	17.7	15.6	16.0	16.4	62	49	65	59	11.2	
23.3	23.1	21.7	17.9	17.8	17.3	17.3	65	67	77	70	6.5	0.86
21.6	23.4	21.1	17.5	16.8	16.1	16.8	80	55	72	69	9.0	2.94
22.8	23.2	22.1	16.7	16.9	17.2	16.9	59	57	72	63	11.2	
23.0	23.2	22.4	17.2	16.6	17.4	17.1	62	53	70	62	11.1	
22.9	23.4	22.1	17.5	16.6	17.5	17.2	66	53	74	64	11.0	
22.7	23.2	21.8	17.0	16.3	17.3	16.8	64	52	76	64	11.0	
24.1	24.9	23.8	18.2	18.5	20.4	19.9	60	55	84	66	10.8	
23.8	25.2	23.1	18.0	19.3	19.1	18.8	62	58	78	66	10.9	
23.5	23.9	21.7	17.7	17.4	18.5	17.9	62	56	90	69	10.8	
21.9	22.1	22.2	15.3	15.3	17.2	15.9	57	52	71	60	10.9	
23.0	23.7	22.9	17.4	17.9	19.1	18.1	64	61	81	69	10.7	
22.7	24.4	22.4	17.1	18.2	18.2	17.8	64	58	78	67	10.3	
23.53	24.36	22.96	17.85	18.02	18.61	18.17	62.9	55.7	75.4	64.8	10.80	0.21

ght of Barometer above sea level: 33.7 meters.
,, ,, Thermometers above ground:
and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m
of Rain Gauge: above ground 0.56 m.; above sea level 30 31 m.
e of readings minus 2 hours equals G. C. T.
era averages are for period, 1875-1924

SEPTEMBER 1930

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Km.		
1	0	0	0	0.0	0	1sw	0	43.6	light	
2	0	0	0	0.0	0	1sw	0	71.8	calm	
3	1st	0	0	0.3	0	0	0	132.9	„	gen. br. in a.m.
4	2stcu	0	0	0.7	0	0	0	139.4	„	
5	0	0	0	0.0	0	0	0	85.5	„	
6	0	0	0	0.0	0	0	0	51.7	„	
7	0	0	0	0.0	0	0	0	51.7	„	
8	0	0	0	0.0	0	0	0	39.1	„	
9	2nicu	10nicu	4stcu	5.3	0	0	0	154.4	„	
10	3stcu	2stcu	2st	2.3	0	2nw	0	409 8	„	
11	3stcu	1st	1st	1.7	0	1sw	0	379.1	mod.	
12	1st	0	0	0.3	0	1nw	2nw	144.3	mod.	
13	2st	2st	5st	3.0	1nw	0	1nw	88.7	calm	
14	3stcu	2stcu	0	1.7	0	1nw	0	153.2	calm	
15	2stcu	0	0	0.7	0	0	0	167.2	„	
16	0	0	0	0.0	0	0	0	304.5	„	
17	0	1cicu	0	0.3	0	0	0	374.4	„	
18	3stcu	1cu	0	1.3	0	1nw	0	422.1	light	
19	3ni	8stcu	1cu	4.0	0	1sw	0	340.1	light	
20	8ni	2stcu	1cu	3.6	0	0	0	236.2	calm	
21	2stcu	2stcu	1cu	1.7	0	0	0	126.8	calm	
22	1stcu	1stcu	2stcu	1.3	0	0	0	92.3	„	
23	2stcu	1stci	2stcu	1.7	0	0	0	34.2	„	
24	1stcu	1stcu	0	0.7	0	0	0	188.3	„	
25	0	0	0	0.0	0	0	0	136.8	„	haze in a.m.
26	1cu	1cu	0	0.7	0	1nw	2nw	113.9	light	
27	1cu	1cu	1cu	1.0	0	0	0	95.9	light	
28	1cu	0	1cu	0.7	0	1sw	1sw	89.1	„	
29	1cu	1cu	1cu	1.0	0	0	0	91.2	„	
30	1cu	1cu	0	0.7	1sw	1sw	0	653.5	„	haze in a.m.
									„	
				1.15				180.39		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	0	0	0	0	1	0	1	28
14:30	0	0	0	0	0	6	0	5	19
20.30	0	0	0	0	0	1	0	3	26
Totals	0	0	0	0	0	8	0	9	73

Number of days with rain 3, fog 0, thunderstorms 0, gales 0

50-yr average number of days with rain during month 0.2